

CLAIMS

1. A hinge apparatus comprising a first hinge member, a second hinge member turnably connected to said first hinge member, a movable member arranged on the turning axial line of said first and second hinge members in such a manner as to be turnable about the turning axial line and movable in the direction of the turning axial line, and a biasing means adapted to bias said movable member toward said first hinge member, one of confronting surfaces of said first hinge member and said movable member being provided with a plurality of end face cams in such a manner as to extend in the peripheral direction about the turning axial line and equally spacedly arranged in the peripheral direction about the turning axial line, and a raised wall surface in such a manner as to extend in the direction of the turning axial line and to be disposed between two of said end face cams which are adjacent in the peripheral direction, the other of the confronting surfaces of said first hinge member and said movable member being provided with a pair of abutment parts in such a manner as to be urged against said pair of end face cams by the biasing force of said biasing means and adapted to co-act with said pair of end face cams to convert the biasing force of said biasing means to a turning biasing force for turning said second hinge member through said movable member, a recess being formed in said raised wall and arranged on an extension of said end face cam.
2. A hinge apparatus according to claim 1, wherein one side surface of said recess forms a part of said end face cam.
3. A hinge apparatus according to claim 2, wherein said end face cam has a length of 180 degrees or more in the peripheral direction.